

((20S)-1 $\alpha$ -HYDROXY-2 $\alpha$ -METHYL AND 2 $\beta$ -METHYL-19-NOR-VITAMIN D<sub>3</sub>  
AND THEIR USES

ABSTRACT OF THE DISCLOSURE

5           This invention discloses (20S)-1 $\alpha$ -hydroxy-2 $\alpha$ -methyl-19-nor-vitamin D<sub>3</sub>  
and (20S)-1 $\alpha$ -hydroxy-2 $\beta$ -methyl-19-nor-vitamin D<sub>3</sub> and pharmaceutical uses  
therefor. These compounds exhibit pronounced activity in arresting the  
proliferation of undifferentiated cells and inducing their differentiation to the  
monocyte thus evidencing use as an anti-cancer agent and for the treatment of  
10 skin diseases such as psoriasis as well as skin conditions such as wrinkles, slack  
skin, dry skin and insufficient sebum secretion. These compounds also have very  
significant calcemic activity and therefore may be used to treat immune disorders  
in humans as well as metabolic bone diseases such as osteoporosis.